

APPENDIX L

RESUMES

JOHN O'ROURKE, P.E., CPESC, CMS4, CFM

License

Professional Engineer - New York

CERTIFICATES

Federal Wetland Delineator - Rutgers University, New Jersey

Certified Professional in Erosion and Sediment Control

Certified Flood Plain Manager

Certified Municipal Separate Storm Sewer System Specialist

EXPERIENCE

LANC & TULLY ENGINEERING AND SURVEYING, P.C., GOSHEN, NY

1993 - PRESENT

Vice President Since 2009

Partner Since 2004

- ◆ Responsible for preliminary and final design of various municipal and private projects, specifically involving environmental regulations and their impacts such as: Water and Waste Water Treatment Design, Drainage Analyses, Stormwater Management Systems, Wetland Disturbance Mitigation, Underground Bulk Storage, Mining Permits and associated plans, Phase 1 Environmental Assessments, Landfill Reclamation and Injection Well Permits. Duties typically involve coordinating with Federal, State and Local authorities to procure permits for the above noted activities.
- ◆ Responsible for coordinating the preliminary and final design, technical specifications and contract documents for municipal public bid projects, including wastewater collection systems, sewer pumping stations, water distribution and water booster stations for the City of Beacon, Towns of Hamptonburgh and Newburgh and the Villages of Monroe, Montgomery and Walden. Preparation of subdivision, site plans engineering reports, permits and coordination with state and local authorities relative to required permits and construction activities.
- ◆ Duties also include review of subdivision and site plan proposals for code conformance and engineering integrity.

SLAYTON ENGINEERING, P.C., NEWBURGH, NY

1987 - 1993

Project Engineer

- ◆ Responsible for liaison with clients and contractors during the construction phase of projects including preparation of progress reports, federal, state and local construction reports and overall supervision and coordination of the construction.
- ◆ Office duties include preliminary and final designs and specifications for public water systems; design of commercial water, drainage and sewer systems.

KILLINGTON, LTD. KILLINGTON, VERMONT

1985 - 1987

Monitor Technician

- ◆ Responsible for analysis of interaction between surface and subsurface water supply, including assessment of both surface and groundwater quality and quantity. This was achieved through the use of Lycimeters (pressure/vacuum soil sampler), groundwater observation wells, and stream flow analysis utilizing the Salinity Dilution Technique. Work also included chemical analysis of standard parameters such as turbidity, tss, phosphorus, nitrates and nitrites etc.

PROFESSIONAL SOCIETY MEMBERSHIP

American Water Works Association

American Society of Civil Engineers

Geological Society of America

International Erosion Control Association

NYS Flood Plain and Stormwater Managers Association

EDUCATION

B.S. Geological Science, State University at Oneonta

Graduate course work in Geological Sciences, SUNY New Paltz

JOHN D. RUSSO, P.E.

LICENSE

Professional Engineer - New York

CERTIFICATES

ACI Concrete Field Testing Technician - Grade I Certificate

National Highway Institute:

Computerized Signal Systems - 1993

Traffic Management Strategies - 1993

AASHTO Roadside Design Guide - 1992

Highway Program Financial - 1992

Federal Highway Administration:

Traffic Operations and IVHS - 1993

Travel Demand Management - 1993

HOV Systems Planning, Design, and Operations - 1993

The Role of Progress Review Technique - 1992

Occupational Safety & Health Administration (OSHA):

National Utility Contractor Association Competent Person Standard SubPart B - 1995

Occupational Safety and Health Administration Confined Space Entry - 1995

EXPERIENCE

LANC & TULLY ENGINEERING AND SURVEYING, P.C., GOSHEN, NY 1993 - PRESENT

President Since 2009

Partner Since 2004

- ♦ Responsibilities include the preparation of plans, specifications and contract documents for various municipal and private projects, including design of wastewater collection systems, potable water systems, storm water drainage systems and design of new road systems as well as rehabilitation of existing roads.
- ♦ Site plan layouts and design of utilities, and parking and building layout.
- ♦ Responsible for providing engineering services during construction, including shop drawing review, construction observation services and project management for various municipalities including the Towns of Wawarsing, Hamptonburgh, Villages of Harriman and Greenwood Lake, and City of Beacon.

USDOT FEDERAL HIGHWAY ADMINISTRATION, WASHINGTON, D.C./ALBANY, NY

1992 - 1993

Highway Engineer

- ♦ Responsibilities included review of traffic signal system specification and plans for various projects across the country. Review of traffic management centers and system specifications and plans for various projects across the country. Review state-of-the-art IVHS technologies and their applications to help alleviate traffic problems. Member of Federal Highway Administration, Region I, Traffic Signal Systems team involved in trouble shooting signal system problems and evaluation of existing traffic signal systems. Provide support in the development of the "IVHS Deployment Plan".

Evaluate and beta-test traffic simulation software.

EXPERIENCE - CONTINUED

LANC & TULLY ENGINEERING AND SURVEYING, P.C., GOSHEN, NY 1987 - 1991
Engineering/Construction Technician

- ◆ Responsibilities included preparation of specifications and contract documents for various projects. Design of subdivision and road layouts. Inspection of road construction including installation of pavement, curbing, sidewalks, sanitary sewer lines, water mains and storm water drainage.

TERRY POTTER, L.S, SEARSVILLE, NY 1986 - 1988
Survey Crew

- ◆ Performed survey field work for boundary and topography surveys. Performed percolation tests for design of sewage disposal systems.

PROFESSIONAL SOCIETY MEMBERSHIPS

American Concrete Institute
American Society of Civil Engineers
National Society of Professional Engineers

EDUCATION

A.S. Engineering Science, Orange County Community College
B.S. Civil Engineering, Clarkson University
M.E. Traffic and Transportation Engineering, Clarkson University

DAVID E. HIGGINS, P.E.

CERTIFICATES

Professional Engineer, New York and Pennsylvania

EXPERIENCE

LANC & TULLY ENGINEERING AND SURVEYING, P.C., GOSHEN, NY 1999 – PRESENT

Vice President Since 2009

Partner Since 2004

- ◆ Responsible for management of residential site plans and subdivisions for residential and commercial development projects including feasibility studies, preliminary and final design, preparation of engineering reports and coordination with State and local agencies relative to permitting and approvals
- ◆ Duties include computer-aided design, analysis and drafting; review of plans for municipal agencies.
- ◆ Presentation of proposed development plans at Planning Board meetings.

THE CHAZEN COMPANIES, NEWBURGH, NY

1998 - 1999

Project Engineer

- ◆ Responsible for preliminary and final design of residential and commercial projects, including design of water distribution systems, sanitary sewer and storm drainage conveyance systems, roadway design, site grading and erosion control plans and construction cost estimates.
- ◆ Duties include computer-aided design, analysis, drafting and preparation of engineering reports.
- ◆ Construction inspection of infrastructure installation, including water, sanitary sewer, drainage, concrete curbs and walks, pavements.

LEO CARROLL, P.E., L.S. AND ASSOCIATES, MIDDLETOWN, NY

1995 - 1998

Design Engineer

- ◆ Responsible for feasibility studies, preliminary and final design of residential and commercial projects.
- ◆ Duties include subgrade soil testing, design of subsurface sewage disposals systems, storm drainage facilities; coordinate with State and local agencies relative to required permits and construction activities. Also acted as Party Chief for topographic, location, boundary and construction stakeout surveying.

LANC & TULLY ENGINEERING AND SURVEYING, P.C., GOSHEN, NY

1994 - 1995

Construction Inspector

- ◆ Responsible for the observation of the installation of water mains, sanitary sewer, storm sewer, pavement, curb and sidewalk for compliance with construction specifications.

PROFESSIONAL SOCIETY MEMBERSHIP

National Society of Professional Engineers, Served as President of Orange/Sullivan Chapter 2007-2008

EDUCATION

B.S. Civil Engineering, State University of New York at Buffalo

RODNEY C. KNOWLTON, L.S.

LICENSE

Professional Land Surveyor: New York State (Licensed May 13, 1997)

EXPERIENCE

LANC & TULLY ENGINEERING AND SURVEYING, P.C., GOSHEN, NY 1993 – PRESENT

Vice President Since 2009

Partner Since 2004

Survey Department Manager

- ♦ Responsible for the supervision of field and office survey personnel. Duties include the preparation of cost estimates and proposals; the coordination and scheduling of survey jobs; the review of field work, office calculations, boundary determinations, legal descriptions, real-time differential GPS surveys, and mapping prepared by survey personnel; the ordering of survey equipment needed by the department; and the troubleshooting of boundary disputes and client concerns.
- ♦ Additional responsibilities include performing both office and field tasks as required during the course of the boundary, topographic, construction and subdivision projects.

LANC & TULLY ENGINEERING AND SURVEYING, P.C., GOSHEN, NY

1987 - 1993

Surveying Technician

- ♦ Performed on a survey field crew as rodman; later served as an instrument man and survey crew Party Chief. Office work included deed research, note reduction, and map drafting and preparation. Was responsible for computations and field work related to boundary line determinations, topographic surveys, construction stakeout, lot monumentation, grading, photogrammetric surveys, and rights-of-way and easements. Also worked on producing record survey drawings and design profiles.

EDUCATION

B.S., Physics and Astronomy, Bates College, Lewiston, Maine

PROFESSIONAL SOCIETY MEMBERSHIPS

New York State Associate of Professional Land Surveyors

Delaware-Hudson Land Surveyors Association

American Congress on Surveying and Mapping

KRISTEN O'DONNELL

Education

Masters of Urban and Regional Planning
University of Buffalo, 2005
B.A., Political Science
University of Buffalo, 2003, Minor Environmental Design

EXPERIENCE

Ms. O'Donnell has 11 years in planning focusing on State Environmental Quality Review (SEQR) work for both public and private clients as well as Comprehensive Planning, zoning ordinance preparation and revision, grant writing, economic development, housing policy, downtown revitalization as well as site plan and subdivision plan reviews for a wide range of municipalities. Zoning code preparation includes experience with Transit Oriented Development, Planned Unit Development, overlay districts, architectural and design guidelines, cluster subdivision regulations, and environmental preservation.

Prior to joining Lanc & Tully Engineering, Ms. O'Donnell was a Principal Planner with Turner Miller Group based in Suffern, New York. Major projects included preparation of SEQR documents for United Natural Foods, Inc a 550,000 square foot refrigerated warehouse in the Town of Montgomery, review of Casino Developments in the Town of New Windsor and Village of Woodbury, review of the expansion of Woodbury Common in the Village of Woodbury, and review of a 425-unit multifamily development in the Village of Chester.

PROFESSIONAL AFFILIATIONS

American Planning Association
Leadership Orange

ERIC ROGGE, P.E.

CERTIFICATES

Professional Engineer – New York

EXPERIENCE

LANC & TULLY ENGINEERING AND SURVEYING, P.C., GOSHEN, NY

2006 – PRESENT

PROFESSIONAL ENGINEER

2011 -- PRESENT

PROJECT MANAGER

- ◆ Responsible for preliminary and final design of various municipal and private projects, specifically involving design of site utilities and their impacts such as: Preparation of Stormwater Pollution Prevention Plans (SWPPP), Drainage Analyses, Stormwater Management Systems, Central Sewage Collection Systems, Subsurface Sewage Disposal Systems, Erosion and Sediment Control Plans and required Site Grading. Duties involve coordination with various Federal, State and Local authorities to procure permits for the above noted activities.
- ◆ Preparation of subdivision, site plans, engineering reports, permits and coordination with state and local authorities relative to required permits and construction activities for a given project.
- ◆ Duties also include review of subdivision and site plan designs for code conformance and engineering integrity and review of the design of drainage infrastructure and Stormwater Pollution Prevention Plans.
- ◆ Responsible for the construction inspection and certifications for subsurface sewage disposal systems on private commercial and residential projects.
- ◆ Preparation of regulatory agency permits applications for various private developers and institutions.
- ◆ Abilities also include computer aided design (CAD), analysis and drafting.

PROFESSIONAL SOCIETY MEMBERSHIP

National Society of Professional Engineers

New York State Society of Professional Engineers

EDUCATION

B.S. Civil Engineering, Clarkson University

DOMINIC CORDISCO
42 CLARK AVENUE
CORNWALL ON HUDSON, NEW YORK 12520
845.926.2149
cordisco@gmail.com
linkedin.com/in/cordisco

EXPERIENCE

DRAKE LOEB PLLC

Partner

Since 2007

Associate

2003 - 2007

I practice environmental and land-use law for municipal and private clients at one of the largest law firms in the Hudson Valley. My goal is to encourage smart development that balances the competing needs of the developer, the community, and the environment.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Regional Attorney: Region Three

2000 - 2002

I supervised the Regional Legal Office in New Paltz. Region Three covers a seven county area from the border of New York City through the Catskill Park. At NYSDEC I worked on many environmental issues that concerned not only the region but the State as a whole. My focus was to achieve an informed, aggressive, and just result in every matter.

Assistant Counsel: Central Office

1998 - 2000

I represented the Divisions of Natural Resources and Solid & Hazardous Waste. As such, I prosecuted administrative enforcement actions for violations of law and regulations. Further, I provided counsel in the promulgation and interpretation of statutes and regulations, and I also served as liaison to the Attorney General's Office. My major cases included Mohawk Tire, involving the illegal dumping of over eighteen million tires, and Bath Petroleum Storage, Inc.

EDUCATION

FORDHAM UNIVERSITY SCHOOL OF LAW, J.D.

1994

SUNY PLATTSBURGH, B.A., English Literature

1990

SELECT PUBLICATIONS

SEQR 2.0: Effective Date Delayed for the New Full and Short Environmental Assessment Forms
The New York Municipal Lawyer

Winter 2013

Shifting from Protection to Enhancement: The New Paradigm in Endangered Species Regulation in New York
Environmental Law in New York

Spring 2011

Navigating Through Rapanos: An Update on Federal Wetlands Issues
The New York Municipal Lawyer

Spring 2008

Six Years Means Six Years: The Speonk Fuel Decision and Oil Spill Cost Recovery Actions
The New York Environmental Lawyer

Fall 2003

Bright with Promise: A Pictorial History of SUNY Plattsburgh
Douglass Skopp; The Donning Company (student intern co-author)

1989

AWARDS & AFFILIATIONS

Recipient, *Henry Hudson Award for Valley Visionaries*, Hudson Valley Pattern for Progress

2013

Recipient, *Most Valuable Partner "MVP" Award*, Orange County Partnership

2012

Recipient, *Murray Award for Outstanding Public Service*, Fordham Law School

1994

Director, Black Rock Forest Consortium

Since 2015

Secretary, Cornwall on Hudson Elementary School PTO

Since 2015

Chairman & Director, Orange County Partnership

Since 2011

Co-Chair, Alliance for Balanced Growth

2008 - 2014

Director, Port Jervis Industrial Development Agency

2004 - 2008

HIGHLIGHTS

- 30 years of acoustical engineering/consulting in USA, Mexico, Europe, and the Middle East.

Education

- 42 Post-Graduate Credits in Acoustics & Vibration, SDSU & UCSD 1984-96.
- EIT, California Board of Registration for Prof. Engineers & Land Surveyors, 1987.
- B.S. Mechanical Engineering, SDSU, 1983.

Percent Available

- 75

Professional Experience:

Mr. Sanavi has over 30 years experience in acoustical engineering. He specializes in environmental noise compliance & interior acoustics. He has participated in a wide variety of projects in both technical and managerial capacities. As a forensic acoustician, he has testified in courts of law and prepared technical documents for cases involving environmental noise, construction defect, subjective effects of noise and noise exposure.

As principal at ABC Acoustics, Mr. Sanavi is involved in interior acoustical designs, field studies, regulatory compliance, and reporting on environmental impacts in accordance with CEQA/NEPA/OSHA. He has been retained by the US Military, British Aerospace, City of San Diego, County of San Diego and other jurisdictions throughout California. Mr. Sanavi has assisted the City of San Diego in revising the City's Noise Ordinance. He is also a member of the American Society for Testing & Materials (ASTM International) and serves on ASTM's Environmental Acoustics Committee E-33 which establishes the U.S. guidelines for acoustical testing and analysis. Other past or present memberships include: INCE, ASA, ASME, SAE, and AEP.

Representative Projects:

San Diego Civic Theatre; San Diego Theatres – The Civic Theatre is the largest performing arts theatre in San Diego. It is a San Diego landmark designed with superior acoustics and completed in 1965. Mr. Sanavi is the principal acoustical engineer on a project to reduce noise transmission from HVAC system and other on-site mechanical equipment to The Stage and The House (audience).

Centre for Naval Aviation Technical Training (CNATT), Camp Pendleton; Harper Construction – This is a design-build project involving several audio visual training spaces, including a multi-purpose auditorium. Mr. Sanavi is assisting the design/construction team in interior acoustical design of the auditorium. He will be involved from design to confirmation testing to ensure compliance with military requirements as to HVAC noise compliance.

Kettner & Ash San Diego; Bosa Development – Mr. Sanavi is assisting the design team on this 35-story hi-rise condominium project located in downtown San Diego. The project site is exposed to noises from rail, vehicular, and air traffic. Acoustical issues also include sound transmission between units and noise transmission from on-site mechanical equipment, including HVAC equipment atop penthouse suites. Mr. Sanavi has prepared the Acoustical Analysis Report for the project per City of San Diego and Centre City Development Corporation (CCDC) requirements. He will also be responsible for construction inspections and confirmation testing. Anticipated completion is 2014.

Park & 'G' Mixed-Use; AVR Studios – Mr. Sanavi is assisting the design team on this mixed-use (residential & commercial/retail) project located in downtown San Diego. The project site is exposed to noises from rail, vehicular, and air traffic. Mr. Sanavi is preparing the Acoustical Analysis Report for the project per CCDC requirements.

City of Del Mar – Torrey Pines Road Bridge Retrofit – Mr. Sanavi is serving as the acoustical consultant to prime contractor. The project involves demolition and reconstruction of a bridge at close proximity of residential and biologically-sensitive Multi-Habitat Planning Area (MHPA). He prepared the Initial Noise Study and the Noise Abatement Plan for the project. Currently, Mr. Sanavi is coordinating with the prime and sub-contractors to ensure project's compliance with applicable local, State & Federal mandates.



QUALIFICATIONS OF PREPARER

SARAH E. POSLUSZNY
SENIOR ENVIRONMENTAL SCIENTIST

Ms. Posluszny is experienced in conducting Phase I and Phase II ESAs, Site Investigations, Remedial Investigations, planning remedial actions, and conducting geophysical surveys, vapor intrusion studies and utilizing Geographic Information Systems. In addition, Ms. Posluszny has completed 40 hours of OSHA HAZWOPER training. Ms. Posluszny received her B.S. in Environmental Science from Cook College, Rutgers University.

DAVID KEIL, P.G.
SENIOR PROJECT MANAGER/GEOGRAPHIC DISCIPLINE LEADER

Mr. Keil has 20 years of geological and environmental experience, implementing and managing dozens of Phase 1 and Phase 2 Environmental Site Assessments and Remedial Investigations throughout New Jersey and New York. He experience includes project management and environmental site investigation under the New Jersey Technical Requirements for Site Remediation as well as New York's Division of Environmental Remediation (DER-10) guidelines. Mr. Keil holds a Bachelor's of Science degree in Geology/Biology from the University of Delaware and a Master's Degree in Geology from Rutgers University.

DERRICK J. MARCUCCI, RPA
Principal Archaeologist

EDUCATION

- Ph.D. coursework completed, SUNY-Albany 1999-2003
- M.S., Anthropology, University of Wisconsin-Milwaukee, 1987
- B.A., Anthropology, University of Iowa, 1982

PROFESSIONAL TRAINING

- Introduction to Federal Projects and Historic Preservation Law (1994)
- Section 106 of the National Historic Preservation Act (2008)

PROFESSIONAL AFFILIATIONS

- Register of Professional Archaeologists
- American Cultural Resource Association
- Society for American Archaeology
- New York Archaeological Council*
- New York State Archaeological Association
- Plains Anthropologist
- Iowa Archaeological Society

* Vice President, 2010-present.

PROFESSIONAL EXPERIENCE

2002-Present Co-Owner/Director and Principal Archaeologist
Landmark Archaeology, Inc.
Altamont, New York

Derrick J. Marcucci, Co-Owner/Vice President and Principal Archaeologist for Landmark Archaeology, Inc. is responsible for the development of research designs, field investigations, site nominations, client coordination with reviewing agencies and supervision of Section 106, Section 14.09 and SEQR projects. His experience includes project management of multidisciplinary teams, implementation of geoarchaeological studies, NRHP site evaluations, and contributions to environmental impact statements. A representative sample of the projects Mr. Marcucci has completed is listed below.

Constitution Pipeline Wetland Mitigation, Broome, Chenango, and Schoharie Counties, New York, and Susquehanna County, Pennsylvania. Principal Investigator, Phase I and II archaeological investigation of several wetland mitigation areas in New York and Pennsylvania. For Kleinschmidt Associates.

Photovoltaic Array Installation SUNY-Cobleskill, Schoharie County, New York. Principal Investigator, Phase IA/IB archaeological investigations of a ground-based photovoltaic array installation on the SUNY-Cobleskill Campus. For the New York Power Authority.

J.J. Astor Estate, Duffy Residence Development, Dutchess County, New York. Project Manager/Principal Investigator, Phase I and II archaeological investigations of several prehistoric and historic archaeological sites on land within the Hudson River National Landmark District. For Robert C. Duffy.

Schodack Island State Park New Campground Facility, Rensselaer County, New York. Principal Investigator, Phase IB archaeological investigations of a proposed campground facility at Schodack Island State Park. For the New York State Office of Parks, Recreation and Historic Preservation.

Freedom's Path Housing Complexes, Northport Veterans Affairs Medical Center Campus, Suffolk County, New York. Project Manager, Phase I and II archaeological investigations of a prehistoric multicomponent Woodland site and eighteenth to twentieth centuries historic site. For J.M. Waller Associates, Inc.

Maalwyck Park Additions and Improvements Project, Schenectady County, New York. Project Manager/Principal Investigator, Phase I and II archaeological investigations of two prehistoric multicomponent Archaic and Woodland sites. For the Town of Glenville.

North American Electric Reliability Corporation Facility Remediation Project, Clinton and Lewis Counties, New York. Principal Investigator, Phase IA/IB archaeological investigation of remediation procedures at six locations. For the New York Power Authority.

Schoharie Crossing State Historic Site, Montgomery County, New York. Principal Investigator, Phase I archaeological investigations of prehistoric and nineteenth century historic deposits for a proposed parking lot. For the New York State Office of Parks, Recreation and Historic Preservation.

North American Electric Reliability Corporation Facility Remediation Project, Albany and Schoharie Counties, New York. Project Manager, Phase IA/IB archaeological investigation of remediation procedures at two locations. For the New York Power Authority.

Cultural Resource Support for the Interim Action Clearance Program at New Boston Air Force Station, New Boston, New Hampshire. Principal Investigator, archaeological investigations supporting mitigation of a former WWII/Cold War bombing and strafing range in southern New Hampshire within a National Register listed Historic District.

Broadway School African-American Cemetery Project, Orange County, New York. Principal Investigator, large-scale identification, documentation and exhumation of nineteenth century African-American burials in downtown Newburgh. For the City of Newburgh.

1187-1201 Troy Schenectady Road Project, Albany County, New York. Co-Principal Investigator, Phase I and II archaeological investigations of two prehistoric sites and one eighteenth century historic site. For C.T. Male, LLC and British American Development Corp.

Horizons at Wawayanda, Town of Wawayanda, Orange County, New York. Principal Investigator, Phase III mitigation of Prehistoric Sites A07119.000186 and A07119.000187 near Middletown, New York. For Regan Development.

Glen Canal View Business Park South, Montgomery County, New York. Co-Principal Investigator, Phase I intensive level survey of proposed 100-acre industrial park near Fonda, New York. Phase II investigations of seven prehistoric sites and one historic site. For Montgomery County Industrial Development Agency.

Halfmoon Town Park, Saratoga County, New York. Project Manager, Phase I and II archaeological investigations of a proposed town park. For the Town of Halfmoon.

Hidden Forest at Hurley, Ulster County, New York. Co-Principal Investigator, Phase I survey of a 411-acre, 652-unit subdivision. For Lennar/Route 209 Company.

Reconstruction of Croton Falls Pumping Station and Facilities-Water Supply for New York City. Principal Investigator, Phase I archaeological survey of improvements for Croton Falls Pumping Station Facility, Putnam and Westchester Counties, New York. For Malcolm Pirnie, Inc.

Bethlehem Technology Park, Albany County, New York. Co-Principal Investigator, Phase I archaeological survey of 85-acre parcel along Wemple Road. Project identified nine prehistoric archaeological sites. Prepared for Milltowne Plaza, Inc.

Culinary Institute of America, Dutchess County, New York. Co-Principal Investigator, Phase I, II and III archaeological investigations of a multicomponent prehistoric and eighteenth through twentieth century historic site. For the Culinary Institute of America.

DiCaprio Farm Acquisition, Albany County, New York. Principal Investigator, Phase I study of proposed soccer complex. For the Town of Guilderland.

Oakhill Subdivision, Albany County, New York. Co-Principal Investigator, Phase I and II archaeological investigations of proposed housing development. For Shelco Development, LLC.

North Colonie Central School District, Albany County, New York. Principal Investigator, Phase I study of proposed school improvements. For Collins & Scoville Architects, P.C.

Thomas Seifert and John Longuil Agricultural Resources Management Assistance, Livingston County, New York. Principal Investigator, Phase I study of agricultural improvements. For the Natural Resources Conservation Service.

Brink Farm Mine, Tioga County, New York. Principal Investigator, Phase I study of mining permit area along the Susquehanna River. For F.S. Lopke Contracting, Inc.

Summer 2002 Instructor of Record Department of Anthropology, SUNY Albany, SUNY Albany 2002 Schoharie Creek Archaeological Field School

1997-2001 **Director and Senior Archaeologist**
Cultural Resources Management Services
Guilderland, New York and Maquoketa, Iowa

As Co-Director and Senior Archaeologist, Mr. Marcucci designed and implemented all phases of archaeological research. His experience includes the development of preservation plans for historic cemeteries and the design and implementation of a zoning ordinance for prehistoric mound sites in eastern Iowa. Some of the larger projects Mr. Marcucci has directed are listed below.

Baker Farm Subdivision, Otsego County, New York. Co-Principal Investigator, Phase I and II archaeological investigations of a proposed subdivision along the banks of Canadarago Lake and site evaluation of a multicomponent prehistoric occupation. For T.C. Damon & Associates, Inc.

Tiashoke Farm Improvements, Rensselaer County, New York. Principal Investigator, Phase I of ten drainage improvement areas along the Hoosic River. For Natural Resources Conservation Resources, Syracuse, New York.

Tioga Speedway Addition to Owego Mine, Tioga County, New York. Principal Investigator, Phase I survey of 45 acres on an outwash terrace along the Susquehanna River. For F.S. Lopke Contracting, Inc.

Preservation Plan for the Hoffmeister Cemetery, Lee County, Iowa. Principal Investigator, Preservation Plan for the protection of a potentially eligible NRHP cemetery site (ca. 1869-1962). For the Economic Development Administration and the City of Fort Madison, Iowa.

GIS Applications for the Preservation of Prehistoric Mound Sites in Jackson County, Iowa. Designed and implemented GIS applications for the zoning administrator, Jackson County, Iowa. Developed zoning procedures for the protection of unrecorded earthen monuments in Jackson County.

Fort Dodge Mine, Webster County, Iowa. Co-Project Director, Phase I study of proposed mine improvements and Phase II evaluations of a buried prehistoric site, Fort Dodge Mine. For Martin Marietta Materials, Inc.

Assessment of Selected Prehistoric Mound Sites in Jackson County, Iowa. Principal Investigator, archival research and intensive level fieldwork to identify, document, and develop a management plan for the protection of prehistoric mound sites in Jackson County, Iowa. For the Jackson County Historic Preservation Commission.

Red Rock Lake, Marion County, Iowa. Principal Investigator, Phase II site evaluation of an historic and prehistoric site in Lake Red Rock. For the American Resources Group and the Rock Island Corps of Engineers.

Prairie Creek Valley Rockshelter Sites, Jackson County, Iowa. Principal Investigator, Phase II evaluations of three rockshelter sites to determine NRHP eligibility. For the Maquoketa Historic Preservation Commission.

1987-1997 **Assistant Director and Senior Archaeologist**
Cultural Resource Group, Louis Berger & Associates, Inc.
Marion, Iowa

As Assistant Director and Senior Archaeologist for Louis Berger & Associates, Inc., Mr. Marcucci was responsible for managing numerous large scale surveys involving archaeological, architectural and historical studies; Phase II site evaluations; and the design of Phase III data recovery programs. He supervised all aspects of research across a large geographic region. Some of the larger projects Mr. Marcucci completed are listed below.

U.S. Highway 61, Jackson County, Iowa. Project Manager, Phase III Data Recovery at two prehistoric sites and one historic site. For the Iowa Department of Transportation.

United States Penitentiary, Martin and Johnson Counties, Kentucky. Project Manager, Phase IA cultural resource assessment for a 550-acre building site. For the U.S. Department of Justice, Federal Bureau of Prisons.

Archaeological Assessment of Riverfront Development at Moline, Illinois. Project Manager, Phase IA cultural resource assessment of a nineteenth-century lateral dam on the Mississippi River. For Stanley Consultants of Muscatine, Iowa.

Siting Study of Four Sites for a Federal Detention Center in Honolulu. Project Manager, Phase IA cultural resource assessment. For the U.S. Department of Justice, Federal Bureau of Prisons.

Federal Correctional Complex at Pollock, Louisiana. Project Manager, Phase IB cultural resource investigation. For the U.S. Department of Justice, Federal Bureau of Prisons.

Lambert-St. Louis International Airport Project Area, St. Louis, Missouri. Project Manager, Phase II evaluation of archaeological resources. For Greiner & Associates, Inc.

Highway 34, Des Moines-Burlington, Section III, Jefferson, Henry, and Wapello Counties, Iowa. Project Manager, Phase I archaeological, historic, and architectural studies. For the Iowa Department of Transportation.

Highway 61, Muscatine and Scott Counties, Iowa. Principal Investigator, architectural and historical evaluation and archaeological survey and testing. For the Iowa Department of Transportation.

Management Study, Historic Division of Cultural Affairs. Archaeologist, State Historic Site Management and Development Plans of 19 sites and Master Development Plans for the American Gothic House, the Sagers Museum, the Matthew Edel Blacksmith Shop, the Turkey River Indian Mounds, and the Blood Run National Historic Landmark Sites. For Dunbar/Jones Partnership and the Historic Division of the Department of Cultural Affairs.

Federal Corrections Facility, Tazewell County, Illinois. Principal Investigator, Phase II investigations of a nineteenth-century house site. For the U.S. Department of Justice, Federal Bureau of Prisons.

Oakwood Beach Water Pollution Control Project, Staten Island, New York. Principal Investigator, Phase II archaeological testing of prehistoric and historic sites. For Sverdrup & Parcel Consultants.

PROFESSIONAL EXPERIENCE: 1977-1987 Research Assistant, Field Director, Crew Chief, and Field Archaeologist for varied cultural resource management and archaeology projects in Illinois, Iowa, Montana, New Jersey, New York, South Dakota, Wyoming, Italy, and Belize.

PUBLICATIONS/REPORTS

Preservation Overlay Zone Ordinance for the Protection of Ancient Burials, Jackson County, Iowa. Copy on file, Office of the State Archaeologist, University of Iowa, Iowa City, 1998.

The Jackson County Indian Mound Survey. *Iowa Archaeological Society Newsletter* 48(1) 1998.

Chipped Lithics Materials (with Rodney C. De Mott and Joyce A. Williams). In *The Archaeology of the Cahokia Mounds ICT-II: Testing and Lithics*. Illinois Cultural Resources Study No. 9. Illinois Historic Preservation Agency, 1993.

An Introduction to the Prehistory and History of Maquoketa, Jackson County, Iowa. In *Association of Iowa Archaeologists 1993 Field Trip Guide*, 1993.

The Paul Sagers Archaeological Collection (with John Cordell and Bill Green). Submitted to the *Journal of the Iowa Archaeological Society*, vol. 38, 1991.

Final Report of Archaeological Investigations and Data Recovery at the Trout Point 1 Site, Alger County, Michigan (Elizabeth D. Benchley, Cheong-Yip Yuen, and K. L. Griffin, co-authors). Prepared for the USDA Forest Service, Hiawatha National Forest, 1987.

Review of Iowa Projectile Points. *Iowa Archaeological Newsletter*, 35:3:115, 1985.

A Survey of Selected Rock Shelter Archaeological Sites in Eastern Iowa (David Benn, senior author). On file at the Division of Historic Preservation, Des Moines, 1981.

Poison Ivy Obsidian Source Identification. In *Journal of the Iowa Archaeological Society*, edited by R. Clark Mallam, vol. 25, pp. 92-99, 1978.

Poison Ivy Obsidian. In *The Keystone*, vol. II, no. I, pp. 4-6, Iowa City, 1977.

Obsidian Sources in the Maya Area (R. Sidrys and John Andresen, co-authors). In *Journal of New World Archaeology*, edited by Billy Cloelaw. UCLA Institute of Archaeology, 1976.

PAPERS PRESENTED

"Recent Excavations at the Maritje Kill Site, Culinary Institute American, Hyde Park, New York." Department of Anthropology, University at Albany, New York, April, 2005.

"Revisiting Trout Point Lithics", Paper presented at the 49th Annual Meeting of the Midwest Archaeological Conference, Milwaukee, Wisconsin, 2003.

"Reappropriated Sacred Landscapes: The Afterlife of Prehistoric Mounds in Northeast Iowa." Paper presented at the 66th Annual Meeting of the Society for American Archaeology, New Orleans, 2001

"Preservation Overlay Ordinance for Protection of Prehistoric Mound Sites in Eastern Iowa." Paper presented at the 65th Annual Meeting of the Society for American Archaeology, Philadelphia, 2000

"Small Rockshelters and Patterns of Use in Eastern Iowa." (Randall Withrow co-author). Paper Presented at the 54th Plains Anthropological Conference, Iowa City, Iowa, 1996.

"The Paul Sagers Archaeological Collection." Paper presented at the 36th annual meeting of the Midwest Archaeological Conference, La Crosse, Wisconsin, 1991.

"Economic Specialization and Regional Symbiosis: A New Perspective of Mississippian Craft Specialization." Paper presented at the 34th annual meeting of the Midwest Archaeological Conference, Iowa City, Iowa, 1989.

"An Evaluation of Oneota Lithic Technology from the Weaver Terrace Oneota Site (13LE59)." Paper presented at the 43rd Plains Anthropological Conference, Iowa City, Iowa, 1989.

"Summer Late Woodland Research in Southeastern Iowa." Paper presented at the fall meeting of the Iowa Archaeological Society, Indianola, Iowa, 1979.

"Preliminary Notes on the Sourcing of Oneota Obsidian from Eastern Iowa." Paper presented at the 27th annual meeting of the Iowa Archaeological Society, Decorah, Iowa, 1979.

"The Discovery of a Nineteenth-Century Iron Casket at Bellevue, Iowa." Paper presented at the 27th annual meeting of the Iowa Archaeological Society, Decorah, Iowa, 1979.

"Architectural Trends in Classic Mayan Civilization." Paper presented at the 27th annual meeting of the Iowa Archaeological Society, Decorah, Iowa, 1979.

"The Keystone Site: A Multicomponent Rockshelter in Eastern Iowa." Paper presented at the 26th annual meeting of the Iowa Archaeological Society, Indianola, Iowa, 1978.

SUSAN GADE, RPA
Project Manager/Principal Investigator

EDUCATION

- M.S., Anthropology, University of Wisconsin-Milwaukee, 1987
- B.A., Anthropology, State University College of New York at Geneseo, 1980

TECHNICAL TRAINING

- Introduction to Federal Projects and Historic Preservation Law

PROFESSIONAL AFFILIATIONS

- Register of Professional Archaeologists
- American Cultural Resource Association
- Society for American Archaeology
- Society for Historic Archaeologists
- New York Archaeological Council
- New York State Archaeological Association
- Iowa Archaeological Society
- Northeast Anthropological Association

PROFESSIONAL EXPERIENCE

2002-Present **Co-Owner, President and Senior Archaeologist**
Landmark Archaeology, Inc.
Altamont, New York

Susan Gade is a professional archaeologist with 30 years experience in cultural resource management. As President and Senior Archaeologist, she has developed and implemented research designs for all levels of archaeological investigations. Her experience includes development of cultural resource management plans, development of historic contexts, EIS contributions, evaluation of archaeological resources in terms of NRHP criteria, and supervision of Section 106 projects. Some of the primary projects Ms. Gade has directed are listed below.

Constitution Pipeline Wetland Mitigation, Broome, Chenango, and Schoharie Counties, New York, and Susquehanna County, Pennsylvania. Principal Investigator, Phase I and II archaeological investigation of several wetland mitigation areas. For Kleinschmidt Associates.

Photovoltaic Array Installation SUNY-Cobleskill, Schoharie County, New York. Project Manager, Phase IA/IB archaeological investigations of a ground-based photovoltaic array installation on the SUNY-Cobleskill Campus. For the New York Power Authority.

J.J. Astor Estate, Duffy Residence Development, Dutchess County, New York. Project Manager/Principal Investigator, Phase I and II archaeological investigations of several prehistoric and historic archaeological sites on land within the Hudson River National Landmark District. For Robert C. Duffy.

Schodack Island State Park New Campground Facility, Rensselaer County, New York. Principal Investigator, Phase IB archaeological investigations of a proposed campground facility at Schodack Island State Park. For the New York State Office of Parks, Recreation and Historic Preservation.

Freedom's Path Housing Complexes, Northport Veterans Affairs Medical Center Campus, Suffolk County, New York. Project Manager, Phase I and II archaeological investigations of a prehistoric multicomponent Woodland site and eighteenth to twentieth centuries historic site. For J.M. Waller Associates, Inc.

Maalwyck Park Additions and Improvements Project, Schenectady County, New York. Project Manager/Principal Investigator, Phase I and II archaeological investigations of two prehistoric multicomponent Archaic and Woodland sites. For the Town of Glenville.

North American Electric Reliability Corporation Facility Remediation Project, Clinton and Lewis Counties, New York. Project Manager, Phase IA/IB archaeological investigation of remediation procedures at six locations. For the New York Power Authority.

Schoharie Crossing State Historic Site, Montgomery County, New York. Principal Investigator, Phase I archaeological investigations of prehistoric and nineteenth century historic deposits for a proposed parking lot. For the New York State Office of Parks, Recreation and Historic Preservation.

North American Electric Reliability Corporation Facility Remediation Project, Albany and Schoharie Counties, New York. Project Manager, Phase IA/IB archaeological investigation of remediation procedures at two locations. For the New York Power Authority.

City of Saratoga Springs Waterfront Park, Saratoga County, New York. Principal Investigator, Phase I, II and III archaeological investigations of a multicomponent prehistoric site at proposed park. For the City of Saratoga Springs.

Cultural Resource Support for the Interim Action Clearance Program at New Boston Air Force Station, New Boston, New Hampshire. Project Manager, archaeological investigations supporting mitigation of a former WWII/Cold War bombing and strafing range within a National Register Historic District in southern New Hampshire. For Shaw Environmental, Inc.

Niagara Power Project, Niagara County, New York. Project Manager, Photographic documentation of the west intake gate structure. For the New York Power Authority.

Tyrone Crabb Park Project, Orange County, New York. Principal Investigator, Phase I and II archaeological investigation of late eighteenth through twentieth century house sites at a proposed park. For the City of Newburgh.

Red Hook Water System Improvements, Dutchess County, New York. Principal Investigator, Phase IA/IB archaeological investigations of a water improvements corridor and well field. For the Village of Red Hook.

Town of Poestenkill Water District, Rensselaer County, New York. Principal Investigator, Phase IA, IB, and II archaeological investigations of eighteenth through late nineteenth century historic sites for a water line. For the Town of Poestenkill.

Fort Ticonderoga, Essex County, New York. Principal Investigator, Phase I and II archaeological investigations at Fort Ticonderoga. For Fort Ticonderoga Association.

Broadway School African-American Cemetery Project, Orange County, New York. Project Manager, Large-scale identification, documentation and exhumation of nineteenth century African-American burials in downtown Newburgh. For the City of Newburgh.

Thomas Cole National Historic Site, Greene County, New York. Principal Investigator, Phase I and II archaeological investigations of the nineteenth century deposits at Thomas Cole National Historic Site. For Barton and Loguidice, P.C.

AME Zion Church Senior Housing, Richmond County, New York. Principal Investigator, Phase I and II archaeological investigations the historic Sandy Ground National Register District. For Regan Development Corporation.

Cambridge Firehouse, Washington County, New York. Principal Investigator, Phase I archaeological investigations of a nine-acre parcel. For the Village of Cambridge.

Halfmoon Town Park, Saratoga County, New York. Project Manager/Principal Investigator, Phase I, II and III archaeological investigations of a late eighteenth and early nineteenth century historic site and Late Archaic prehistoric sites. For the Town of Halfmoon.

1187-1201 Troy Schenectady Road Project, Albany County, New York. Co-Principal Investigator, Phase I and II archaeological investigations of two prehistoric sites and one eighteenth century historic site. For C.T. Male, LLC and British American Development Corp.

Glen Canal View Business Park, Montgomery County, New York. Co-Principal Investigator, Phase II archaeological investigation of six prehistoric sites and one nineteenth century historic site. For Montgomery County Industrial Development Agency.

Schuyler Hills Conservation Subdivision, Saratoga County, New York. Principal Investigator, Phase I and II archaeological investigations of a Late Archaic site. For Willard F. Chamberlin Trust.

Cambridge Central School District Bus Garage, Washington County, New York. Principal Investigator, Phase I archaeological investigations of a proposed bus garage. For the Cambridge Central School District.

Hidden Forest at Hurley, Ulster County, New York. Co-Principal Investigator, Phase I archaeological investigations of a 411-acre, 652-unit, subdivision. For Lennar/ Hurley 209 Group, LLC.

Clifton Park-Halfmoon Public Library, Saratoga County, New York. Principal Investigator, Phase I, II, and III archaeological investigations of a Middle Archaic site. For the Clifton Park-Halfmoon Public Library.

Charlton Town Hall, Saratoga County, New York. Principal Investigator, Phase I and II archaeological investigations of a nineteenth century cheese factory. For the Town of Charlton.

Culinary Institute of America, Dutchess County, New York. Co-Principal Investigator, Phase I, II and III archaeological investigations of a multicomponent prehistoric and eighteenth through twentieth century historic site. For the Culinary Institute of America.

Watervliet Reservoir, Albany County, New York. Principal Investigator, Phase I study of proposed drainage improvements. For the Town of Guilderland.

Melrose Whole Farm Plan, Onondaga County, New York. Principal Investigator, Phase I study of proposed drainage improvements. For the Skaneateles Lake Watershed Agricultural Program.

Four Wetland Development Projects, Otsego County, New York. Principal Investigator, Phase I survey of four proposed project sites. For the Otsego County Soil and Water Conservation District.

1999-2001 **Co-Director and Senior Archaeologist**
Cultural Resources Management Services
Guilderland, New York and Maquoketa, Iowa

As Co-Director and Senior Archaeologist for Cultural Resources Management Services (CRMS), Ms. Gade supervised all types of archaeological research and she was responsible for field investigations, artifact analyses, cultural interpretations, and NRHP determinations. Some of the larger projects involving site evaluations include:

Baker Farm Subdivision, Otsego County, New York. Co-Principal Investigator, Phase I study of a proposed subdivision along the banks of Canadarago Lake and Phase II site evaluation of a multicomponent prehistoric occupation. For TC Damon & Associates, Inc.

Haywood Farms Cluster Subdivision, Rensselaer County, New York. Principal Investigator, Phase I study of a housing development in North Greenbush. For P. Wehnau.

Fort Dodge Mine, Webster County, Iowa. Co-Project Director, Phase I study of proposed mine improvements and Phase II evaluations of a buried prehistoric site, Fort Dodge Mine. For Martin Marietta Aggregates.

1997-1999 **Archaeologist/Principal Investigator**
Bear Creek Archaeology, Inc.
Cresco, Iowa

Ms. Gade served as a Principal Investigator for Bear Creek Archaeology, Inc, in eastern Iowa. In this role, she was responsible for Phase I field investigations, Phase II site evaluations, Phase III data recovery programs, historic artifact analysis, and report preparation. Examples of projects with which she was involved include:

U.S. Highway 61, Muscatine County, Iowa. Co-Principal Investigator, Phase III data recovery of a Late Woodland Camp, Eisele's Hill Locality. For the Iowa Department of Transportation.

Iowa City Sanitary Sewer Improvements, Johnson County, Iowa. Principal Investigator, Phase I and extended site evaluations of two prehistoric sites. For the City of Iowa City.

Upper Mississippi River System Pool 17, Mercer County, Illinois. Co-Principal Investigator, Phase I archaeological investigations of a dredge disposal site and Phase II evaluation of a prehistoric occupation. For the U.S. Army Corps of Engineers, Rock Island District.

1987-1999

**Senior Archaeologist/Principal Investigator
Cultural Resource Group, Louis Berger & Associates, Inc.
Marion, Iowa.**

As Senior Archaeologist and Principal Investigator for Louis Berger & Associates, Inc., Ms. Gade was responsible for the development of research designs, supervision of multidisciplinary research teams, all levels of field investigations, historic and prehistoric artifact analyses, and site evaluations and nominations. She conducted research on both prehistoric and historic archaeological sites across a wide geographical range. A sample of the projects for which she served as Principal Investigator includes:

U.S. Highway 61, Jackson County, Iowa. Principal Investigator, Phase III data recovery of two multicomponent Woodland sites and one nineteenth century farmstead site. For the Iowa Department of Transportation.

Sac and Fox Settlement School, Tama County, Iowa. Principal Investigator, Phase I and II archaeological investigations of a mid-nineteenth century occupation. For the Meskwaki Nation of the Sac and Fox Tribe.

Federal Correctional Complex, King County, Washington. Principal Investigator, Phase IA cultural resource assessment of two proposed federal detention centers. For the U.S. Department of Justice, Federal Bureau of Prisons.

Federal Correctional Complex, Forrest City, Arkansas. Principal Investigator, Phase I investigations of a proposed federal correctional complex. For the U.S. Department of Justice, Federal Bureau of Prisons.

Federal Correctional Complex, Yazoo County, Mississippi. Principal Investigator, Phase IA cultural resource assessment of a proposed federal correctional complex, Yazoo City, Mississippi. For the U.S. Department of Justice, Federal Bureau of Prisons.

Keokuk County Secondary Roads, Iowa. Principal Investigator, Phase III data recovery of multicomponent prehistoric Archaic through Woodland site, Keokuk County, Iowa. For the Keokuk County Engineer.

American Electric Power Company, Indiana, Michigan, and Virginia. Principal Investigator, Phase IA cultural resource investigations of hydroelectric power plants in Michigan, Indiana, and Virginia. For the American Electric Power Company.

U.S. Highway 61, Des Moines County, Iowa. Principal Investigator, Phase III data recovery of mid- to late nineteenth-century rural house site, Des Moines County, Iowa. For the Iowa Department of Transportation.

PROFESSIONAL EXPERIENCE: 1981-1987 Laboratory Supervisor, Crew Chief, Field Archaeologist for varied cultural resource management projects. Projects include Phase I, II, and III studies of historic and prehistoric sites in Delaware, Illinois, Iowa, Montana, New Jersey, New York, North Dakota, and Pennsylvania.

PHILIP J. GREALY, PHD, PE

Principal/Discipline Leader/Traffic

EXPERIENCE

Dr. Grealy is licensed professional engineer with over 35 years of extensive experience in all aspects of transportation and traffic engineering. He has served as Project Manager on a variety of transportation study, design, and research projects. Over the course of his career, he has completed thousands of traffic impact studies for both commercial and residential projects. He serves as a technical consultant for both private and municipal clients on transportation related issues and has extensive expertise in the use of state-of-the-art Traffic engineering software packages. He also has experience in the collection and analysis of noise data related to highway traffic noise and impact assessment.

His current responsibilities include the overall project coordination, budgeting, cost control, and quality assurance for Traffic and Transportation services in Maser Consulting's office located in Westchester County, NY.

PROJECTS

**Adams Fairacre Farm
Route 9/Old State Road Intersection Reconstruction
Wappinger City, Dutchess County, NY**

Prepared detailed traffic impact studies including traffic volume forecast, capacity analysis and intersection evaluations to identify mitigation measures as part of SEQRA review process with Town of Wappinger. Prepared detailed intersection and signal design plans and obtained NYSDOT Highway Work Permits for the project.

**Marketplace Development, Routes 300 & 52
City of Newburgh, Orange County, NY**

Prepared traffic impact evaluations including all traffic projections, capacity analysis and identification of mitigation measures as part of the SEQRA review of this major commercial development. Completed all traffic study documents for DEIS, FEIS and Findings. Prepared access and offsite roadway improvement and traffic signal plans for obtaining New York State Department of Transportation Highway Work Permits. Design included a roundabout design.

**Minisceongo Park Shopping Center
Town of Haverstraw, Rockland County, NY**

Responsible for all traffic analysis, evaluations and designs as part of SEQRA associated with this approximately 250,000SF shopping center. Responsibilities also included offsite roadway improvements including signal design and coordination plans. Provided expert testimony for various Planning and Zoning Boards and this work also included parking studies for parking variances.

EDUCATION

- Ph.D. Transportation Planning and Engineering, Polytechnic University, 1999
- M.S. Transportation Planning and Engineering, Polytechnic Institute of New York, 1980
- B.E. Civil Engineering, Manhattan College, 1977

PROFESSIONAL REGISTRATIONS

- Professional Engineer (PE) New York, New Jersey, Connecticut, Delaware, Pennsylvania

PROFESSIONAL AFFILIATIONS

- Institute of Transportation Engineers
- American Society of Civil Engineers
- Acoustical Society of America
- National Society of Professional Engineers
- Transportation Research Board



Costco Wholesale Club

Yorktown Heights, Town of Yorktown, Westchester County, NY

Preparation of traffic projections, capacity analysis and intersection evaluation for traffic impact studies as part of the SEQRA process. Responsible for compilation of simulations, conceptual design, and coordination with highway design engineer.

Orange Regional Medical Center

East Main Street Reconstruction Project

Town of Wallkill, Orange County, NY

Preparation of traffic impact studies for this new 320 bed state of the art medical center. Work included traffic projections and evaluations for SEQRA review process. Responsible for DEIS, FEIS and Findings related to traffic and transportation related issues. Responsible for preparation of site plan layout design plans including signalization improvements and coordination of these in conjunction with Orange County Department of Public Works.

Maple Fields

Town of Wallkill, Orange County, NY

Preparation of traffic impact studies including site traffic projections, evaluation of future conditions for numerous intersections as part of the SEQRA review process. Provided expert testimony and preparation of traffic portions of the DEIS and FEIS. Work also included preparation of construction plans for offsite improvements including a roundabout design.

The Galleria at Crystal Run

Town of Wallkill, Orange County, NY

Prepared DEIS and FEIS traffic studies and evaluations for all phases of development for this regional shopping center development which now exceeds 1,000,000 sq. ft. Responsible for expert testimony as part of all SEQRA approvals with the town.

Wallkill Comprehensive Traffic Impact Study

Town of Wallkill, Orange County, NY

Preparation of comprehensive traffic study for use by planning board to evaluate approximately a dozen different planned developments in proximity to the Route 211, Tower Drive and Scotchtown Road corridors within the town. Developed detailed traffic projections and analyses to identify potential mitigation measures. Prepared cost estimates and cost allocation formulas based on trip generation for each development depending on their size and mix to allow the planning board to implement a transportation improvement strategy to accommodate them.

Stop & Shop Supermarket

Town of Hyde Park, Dutchess County, NY

Preparation of Traffic Impact Studies and evaluations as part of the SEQRA review with the Town Planning Board. Prepared access redesign plans including signal design for Highway Work Permits with New York State Department of Transportation.

Oakwood Commons

City of Poughkeepsie, Dutchess County, NY

Preparation of traffic studies including projections and analysis for this mixed use office/retail development as part of the SEQRA review process. Prepared construction drawings including roadway intersection reconstruction and signalization plans for the New York State Department of Transportation Highway Work Permits.

Roundhouse at Beacon

City of Beacon, Dutchess County, NY

Preparation of traffic and parking evaluations for SEQRA review with the Planning Board and City Council for this mixed use development which includes residential dwelling units, a specialty Inn, restaurant and banquet/catering facility.



Harbors at Haverstraw

Village of Haverstraw, Rockland County, NY

Preparation of Traffic Impact Studies for DEIS and FEIS for this waterfront multi-family residential development. Identified and coordinated offsite roadway improvements.

Home Depot Distribution Center

Village of Montgomery, Orange County, NY

Preparation of traffic impact studies for SEQRA review and site plan approvals. Also completed roadway improvement plans for site access to obtain Orange County Department of Public Works Highway Work Permit.

MUNICIPAL REVIEWS

Cross County Shopping Center

City of Yonkers, Westchester County, NY

Responsible for review of traffic studies and site plans prepared by the applicant for an expansion and renovation of this 1,000,000 SF shopping center located in the City of Yonkers. Provided guidance to the Planning Board and Zoning Board during SEQRA and site plan review phases. Also provided technical assistance to the City of Yonkers' Traffic Engineering Department in reviewing offsite traffic signal and roadway improvement plans to accommodate the expansion.

Ridge Hill Design Review

City of Yonkers, Westchester County, NY

Provided consulting design review services to the City of Yonkers' Traffic Engineering Department reviewing offsite roadway and signal plans for this mixed used development consisting of approximately 1,000 dwelling units and 1,000,000 SF of commercial development.

Rivertowns Square

Village of Dobbs Ferry, Westchester County, NY

Assisted Village Board of Trustees and Planning Board in review of a proposed major redevelopment/expansion of existing site for a mixed use project consisting of residential units, a supermarket, hotel, movie complex and other commercial uses. Provided technical assistance in reviewing scoping documents, DEIS and FEIS traffic studies and analysis. Based on this review, assisted boards in formulating mitigation plans required for offsite traffic improvements to be completed by the developer. Improvements included road widenings, new signalization, signalization upgrades and traffic calming measures. Accommodations for bicycles and pedestrian access including new sidewalk systems were identified.

Woodbury Common Expansion

Town of Woodbury, Orange County, NY

Provided technical assistant to the Planning Board in their review of a major renovation and 60,000 sq. ft. expansion of Woodbury Common as part of the SEQRA process. Work involved reviewing and commenting on the Scoping Documents, DEIS and FEIS traffic studies and providing technical assistance in developing Findings Statement and Developer's Agreements.

Atlantic Development

City of Mt. Vernon, Westchester County, NY

Consultant to City Council and planning board for technical review of traffic, parking and transportation studies prepared by the applicant for the SEQRA review of a major proposed three-stage mixed used redevelopment project. Work involved presentations to council and planning board in advising them on the potential traffic/transportation impacts and required mitigation for the project.

Ridge Rise Residential Development

Town of New Windsor, Orange County, NY

Review of traffic impact study and provide technical assistance to the Planning Board in formulating appropriate mitigation measures as part of the SEQRA review process.



PROFESSIONAL TRAINING

- Adaptive Traffic Control
- New Tools for Effective Highway Safety Management
- 2009 MUTCD: Traffic Signs and Pavement Markings
- Designing Safety/Security into Walkable Urban Thoroughfares
- Highway Capacity Manual 2010 Overview
- Pedestrian Safety – An Operational Perspective
- Roundabout Design and Operation
- Access Management Best Practices
- Design, Construction Management and Ethics for Professional Engineers



JOHN T. COLLINS, PHD, PE

Principal Associate/Project Manager/Traffic

EXPERIENCE

Dr. Collins is experienced in all aspects of transportation and traffic engineering and has directed a variety of transportation studies and design efforts. In 1981, he formed John Collins Engineers, P.C., a firm specializing in the transportation studies and design areas specifically geared toward providing services for private commercial and residential developments. That firm was acquired by Maser Consulting, P.A. in 2012.

He is currently Professor and Chairman of the Engineering Science and Engineering Technology Programs at Westchester Community College. He also has served as an Adjunct Associate Professor in the graduate Transportation Engineering Program at Manhattan College. Dr. Collins has also appeared as an Expert Witness for numerous transportation projects throughout the United States.

AWARDS

2016 *Engineer of the Year Award*, Westchester/Putnam Chapter, New York State Society of Professional Engineers

PROJECTS

White Plains Hospital
City of White Plains, Westchester County, NY
 Multiple projects involving traffic, parking utilization and recommendations for future parking needs.

Pace University
Town of Mount Pleasant, Westchester County, NY
 Traffic and parking analysis for multiple options of their master plan including evaluation of temporary parking during construction and future parking needs based on intended uses.

16 Old Track Road
Town of Greenwich, Fairfield County, CT
 Mixed use parking and traffic analysis of both residential and commercial properties. Evaluation included analysis of 12 intersections for various phases of development. Parking evaluation included the concept of "shared parking" in the development of a parking management plan.

Patrick Farm
Town of Ramapo, Rockland County, NY
 Prepared a traffic impact evaluation for rezoning and site plan approach for a residential project. Analysis included traffic report recommended various roadway improvements to mitigate the project anticipated impacts.

EDUCATION

- Ph.D., New York University, 1971
- M.S. Civil Engineering, Columbia University, 1967
- B.E. Civil Engineering, Manhattan College, 1965

PROFESSIONAL REGISTRATIONS

- Professional Engineer (PE)
 New York, New Jersey, Connecticut

PROFESSIONAL TRAINING

- Adaptive Traffic Control, 2013
- New Tools for Effective Highway Safety Management, 2011
- 2009 MUTCD: Traffic Signs and Pavement Markings, 2011
- Designing Safety/Security into Walkable Urban Thoroughfares, 2011
- Highway Capacity Manual 2010 Overview, 2011
- Pedestrian Safety – An Operational Perspective, 2011
- Roundabout Design and Operation, 2010
- Access Management Best Practices, 2010
- Design, Construction Management and Ethics for Professional Engineers, 2009

PROFESSIONAL AFFILIATIONS

- Institute of Transportation Engineers
- National Society of Professional Engineers



PepsiCo

Purchase, Town of Harrison, Westchester County, NY

Prepared a traffic impact and parking evaluation for the proposed master plan of the campus including anticipated project traffic, required improvements and parking needs.

333 North Bedford Road

Town of Mt. Kisco, Westchester County, NY

Prepared a traffic impact evaluation for a conversion of 600,000 sq. ft. of warehouse space to a multi retail/warehouse tenants. Evaluation included an evaluation of the trip capacity of the site, which was evaluated during the SEQRA process.

SFC

City of Yonkers, Westchester County, NY

Prepared traffic and parking evaluation for a mixed use project (residential, office, retail) as well as a minor league baseball park. SEQRA requested an evaluation of over 50 intersections with recommendations for traffic/roadway mitigation, as required.

South Westchester Executive Park

City of Yonkers, Westchester County, NY

Traffic evaluation of proposed expansion of an existing multi-tenant park to include a new children's hospital. Recommendations for roadway improvements required to mitigate anticipated impacts. Prepared complete roadway and traffic signal design plans for Executive Boulevard and Saw Mill River Parkway intersections. Completed all NYSDOT permitting and constraints coordination.

Brynwood Golf and Country Club

Town of North Castle, Westchester County, NY

Prepared a detailed Traffic Impact Study for a proposed 88 unit adult oriented residential community at Brynwood Golf and Country Club in the Town of North Castle, New York. The study included the collection of data and an analysis (SYNCHRO) of nine intersections. This study included a sight distance evaluation at the site driveway as well as an accident evaluation of the area roadways.

Chappaqua Crossing

Town of New Castle, Westchester County, NY

Prepared a detailed Traffic, Transportation and Parking Study and Supplemental Traffic Impact Study for the redevelopment of existing office space and the construction of a new multi-family residential project on the former Reader's Digest Corporate Headquarters site in the Town of New Castle, New York. The study included the collection of data and an analysis (SYNCHRO) of 19 intersections. This study included a sight distance evaluation at the site driveways, an accident evaluation of the area roadways and associated roadway improvements/mitigation measures.

German School

City of White Plains, Westchester County, NY

Prepared a detailed Traffic Impact Study for a proposed increase in enrollment cap of 125 students (375 to 500 students) plus four single-family homes for the existing German School in the City of White Plains. This study included the collection of data and an analysis (HCS/SYNCHRO) of 10 intersections. This study also addressed public transportation, pedestrian/bicycle activity, accident information, sight distances, a gap analysis and delay times as well as a Transportation Management Plan (TMP) to mitigate traffic impacts.

Village Green Marketplace

Village of Chestnut Ridge, Rockland County, NY

Prepared a detailed Traffic Impact Study for 137,500 SF retail marketplace which included a 45,000 SF full service grocery store in the Village of Chestnut Ridge, New York. The study included the collection of data and an analysis (HCS) of nine intersections as well as an evaluation of internal circulation and access improvements, a parking analysis, sight distance evaluation, a traffic signal warrant analysis and accident evaluation.



Orangeburg Commons

Town of Orangetown, Rockland County, NY

Prepared a detailed Traffic Impact Study for a mixed-use development consisting of an approximately 55,000 SF food market; 5,000 SF restaurant; 3,700 SF drive-in bank; and two hotels (125 rooms and 119 rooms). This study included the collection of data and an analysis (HCS/SYNCHRO) of four intersections and associated roadway improvements. Prepared roadway and traffic signal plans for intersection improvements and NYSDOT permitting.

Route 172 Improvements at Fox Lane Campus

Town of Bedford, Westchester County, NY

Performed Roadway and Traffic Signal Design services for the Town of Bedford, NY. Work included Design Approval Document preparation, alternative evaluation, Roadway Improvement Plan preparation for the realignment of campus access including signing, pavement markings and traffic signal design.

Signal Upgrade Program

City of Yonkers, Westchester County, NY

Prepared traffic signal design plans for the upgrading of 14 signalized intersections throughout the city with provisions for system wide communication. Work included intersection approach pavement marking modification and signing evaluation and upgrades.

Westchester County Centralized Traffic Signal System Project, Phase I and Phase II

Various Locations Throughout Westchester County including Scarsdale, Mt. Pleasant, Greenburg, White Plains, Yonkers, Eastchester, Harrison, Rye, Dobbs Ferry, Pelham Manor, Tarrytown, Croton-on-Hudson, and Rye Brook

Provided traffic and transportation engineering services to the Westchester County Department of Public Works. Conducted detail design/redesign of traffic signals at 31 intersections throughout Westchester County and along three independent corridors including geometric modifications, signing and pavement marking alterations.



A. PETER RUSSILLO, PE, PTOE

Associate/Senior Project Manager

EXPERIENCE

Mr. Russillo has been responsible for the development of preliminary and final roadway improvement and traffic signal plans as well as for the preparation and presentation of numerous traffic and transportation studies for a variety of land use types including regional shopping malls, residential subdivisions, hotels, office complexes, etc. He also has extensive experience in assisting local governments in achieving their transportation planning goals through the preparation of local master plans.

Mr. Russillo has a working knowledge of traffic engineering and highway design software including PASSER, HCS, Survey, SYNCRO, etc. He is responsible for oversight of the preparation of Priority Investigation Locations (PIL's) reports when such preparation is directed by the state under the NYS Highway Safety Investigation (HIS) Program. Under this program, cost-effective measures are identified to address safety issues. Such measures might include installation of traffic control, signing and/or maintenance improvements.

He is a former chairman of his community's planning board and is a former elected official as a Village Trustee (Deputy Mayor). He has also served as a member of the Board of Directors of the Pelham Family Service and as a member of the Board of Directors of the Pelham Art Center.

PROJECTS

**Route 172 Improvements at Fox Lane Campus
Town of Bedford, Westchester County, NY**

Performed roadway and traffic signal design services for the Town of Bedford, NY. Work included design approval document preparation, alternative evaluation, roadway improvement plan preparation for the realignment of campus access including signing, pavement markings and traffic signal design.

**U.S. Route 1, Roadway Diet Program
City of Rye, Westchester County, NY**

Preparation of design documents including pavement marking, alterations raised and flush median installation and signing inventory and evaluation for upgrade of a section of U.S. Route 1.

**Signal Upgrade Program
City of Yonkers, Westchester County, NY**

Prepare traffic signal design plans for the upgrading of 14 signalized intersections throughout the city with provisions for system wide communication. Work included intersection approach pavement marking modification and signing evaluation and upgrades.

EDUCATION

- M.S. Transportation Engineering, Manhattan College, 1984
- B.S. Civil Engineering, Manhattan College, 1980

PROFESSIONAL REGISTRATIONS

- Professional Engineer (PE) New York
- Professional Traffic Operations Engineer (PTOE)

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers
- Institute of Transportation Engineers
- National Society of Professional Engineers
- Transportation Research Board Affiliate Member

ACADEMIC ACTIVITIES AND PUBLICATIONS

- Adjunct Instructor, Manhattan College
- "Video Arcade Traffic and Parking," *ITE Journal*, Coauthor



**Westchester County Centralized Traffic Signal System Project, Phase I and Phase II
Various Locations Throughout Westchester County including Scarsdale, Mt. Pleasant, Greenburg, White Plains, Yonkers, Eastchester, Harrison, Rye, Dobbs Ferry, Pelham Manor, Tarrytown, Croton-on-Hudson, and Rye Brook**

Provided traffic and transportation engineering service to the Westchester County Department of Public Works. Conducted detail design/redesign of traffic signals at 31 intersections throughout Westchester County and among three independent corridors including geometric modifications, signing and pavement marking alterations.

**Orange Regional Medical Center, East Main Street Reconstruction Project
Town of Walkkill, Orange County, NY**

Responsibilities included preparation of design documents for roadway widening and reconstruction including traffic signal design for this County Highway. The reconstruction was undertaken by the New Orange Regional Medical Center Complex as a joint project with the Orange County Department of Public Works.

**Route 82 Improvements
East Fishkill, Dutchess County, NY**

Supervised preparation of roadway improvement and traffic signal design plans including pavement widening, curb placement, guide rail installation, drainage structure modification, pavement marking, signing plans as well as work zone traffic control plans.

**Schutt Road – Airport Road Roundabout
Town of Walkkill, Orange County, NY**

Supervised preparation of four legged intersection to roundabout design including raising portions of the intersection, drainage modification, pavement marking and signing plan. Extensive consideration to multi-stage work zone traffic control plan as intersection was to remain operational throughout construction sequence.

**Route 9W Improvements
Town of Ulster, Ulster County, NY**

Supervised preparation of roadway improvement and traffic signal modification plans including separate left turn and right turn lane installation, sidewalk installation, pedestrian crosswalk installation, and work zone traffic control plans. Preparation of Highway Safety Investigation (HSI) report was also part of the scope of work.



RICHARD G. D'ANDREA, JR., PE, PTOE
Associate/Project Engineer

EXPERIENCE

EDUCATION

- M.S. Transportation Planning and Engineering, Polytechnic Institute of New York University, 2012
- B.S. Civil Engineering, University of Delaware, 2007

PROFESSIONAL REGISTRATIONS

- Professional Engineer (PE) New York
- Professional Traffic Operations Engineer (PTOE)

PROFESSIONAL TRAINING

- Construction Traffic Management (2014)
- Adaptive Traffic Signal Control (2013)
- Roundabout Design and Operation (2012)
- AutoTurn (2010)
- Synchro (2008)

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers
- Institute of Transportation Engineers
- National Society of Professional Engineers

Mr. D'Andrea has seven years of experience in various aspects of traffic and transportation engineering; including the preparation of various studies for a variety of land use types including retail centers, residential subdivisions, hotels, office complexes, mixed use developments, etc. These studies include traffic impact evaluations, capacity analyses, signal warrant studies, parking utilization studies, accident investigation studies and justification studies. He has also been responsible for coordinating SEQRA reviews for multiple New York State Municipalities. Mr. D'Andrea has also been responsible for the development of preliminary and final roadway improvement and traffic signal plans as well as conducting detailed cost estimates for such improvement projects.

Mr. D'Andrea has significant knowledge of traffic engineering and highway design software including AutoCAD Civil 3D, Synchro, HCS and AutoTurn. He also has experience with other related software programs such as TSIS-Corsim, Transyt-7F and Microstation.

He is responsible for the preparation of Priority Investigation Location (PIL) reports when such preparation is directed by the state under the New York State Highway Safety Investigation (HIS) Program. His responsibilities include the collection and summarization of accident data for the identified PIL location as well as the preparation of accident diagrams.

PROJECTS

**Maple Fields, Residential Development
Town of Walkill, Orange County, NY**

Prepared a complete traffic impact study for the approximately 200 unit residential development. The traffic study included the collection of data and analysis of 15 intersections in the area of the site. Completed capacity analysis using Synchro software and made recommendations for improvements based on the analysis. Coordinated traffic study for inclusion in the environmental impact statement. Prepared preliminary design layout for proposed roundabout recommended as an improvement to accommodate project generated traffic.

**U.S. Route 1, Roadway Diet Program
City of Rye, Westchester County, NY**

Preparation of design documents including pavement marking alterations, raised and flush median installation and signing inventory and evaluation for upgrade of an approximately two-mile section of U.S. Route 1. Preparation of Synchro analysis for signalized intersections to determine new signal timings to accommodate the diet.



**Patterson Multimodal, NYS Route 311
Town of Patterson, Putnam County, NY**

Contributed to the design of roadway improvements including the widening of an approximately ¼ mile stretch of NYS Route 311 at the Interstate 84 interchange to provide left turn lanes at the two I-84 ramp intersections. Also provided detailed designs for two new traffic signals at the Interstate 84 ramp intersections. Developed detailed cost estimates for the proposed improvements which were then incorporated into contract bid documents. Coordinated response to contractor's requests for information during the bid process.

**Crystal Run Healthcare, Medical Office Support Facility
Rykowski Lane, Town of Walkill, Orange County, NY**

Prepared a complete traffic study for the 150,000 SF Crystal Run Healthcare office support facility located on Rykowski Lane in the Town of Walkill, New York. The traffic study included the collection of data for area intersections, estimates of proposed trip generation and analysis of post development conditions. Developed several improvement scenarios including conceptual design of geometry improvements and sight distance improvements. Also conducted signal warrant analysis for main access intersections to Rykowski Lane.

**Arthursburg Commons/Dunkin Donuts
NYS Route 82, Town of Lagrange, Dutchess County, NY**

Prepared a complete traffic study for the proposed Dunkin Donuts facility including collection of traffic data, estimates of trip generation and analysis of area intersections impacted by the project traffic. Developed several different access scenarios using the existing access driveways to the Arthursburg Commons shopping center. Performed signal warrant analysis for the main access intersection to determine need for a future traffic signal. Developed conceptual layout of improvements to NYS Route 82 to provide a left turn lane at the main site access intersection. Prepared detailed design documents for the left turn lane improvement as well as the signal to be constructed at the site access intersection. Coordinated improvements with NYSDOT to obtain a Highway Work Permit. Also used AutoTurn to analyze ability of delivery vehicles to circulate within the site.

**Mohegan Lake Motors, Dealership
U.S. Route 6 (E. Main Street), Town of Yorktown, Westchester County, NY**

Prepared a complete traffic study for the proposed dealership facility including collection of traffic data, estimates of trip generation and analysis of area intersections impacted by the project traffic. Developed conceptual layout of improvement alternatives to U.S. Route 6. Prepared detailed design documents for the access driveway including a small section of widening and installation of sidewalk along the site frontage. Coordinated improvements with NYSDOT to obtain a Highway Work Permit.

**Rivertowns Square SEQRA Review, Mixed Use Development
Village of Dobbs Ferry, Westchester County, NY**

Conducted detailed review of traffic reports and analysis as consultant to the Village Board for the mixed use development project that consists of approximately 200 residential units, approximately 200,000 SF of commercial space including, a movie theater and an approximately 100 unit hotel. Worked closely with the Applicants consultants to develop the Final Environmental Impact Statement and the Findings Statement. Developed several alternatives for improvement scenarios and conceptual improvement plans for roadways within the Village impacted by the project including in residential neighborhoods nearby the development.

**Summerfield Gardens SEQRA Review, Residential/Retail Development
Town of Eastchester, Westchester County, NY**

Conducted detailed review of traffic reports and analysis as consultant to the Town Board for the mixed use development project that consists of approximately 100 age restricted (55 and older) residential units and approximately 3,600 SF of retail space.



RONALD P. RIEMAN

Assistant Project Manager

EXPERIENCE

Mr. Rieman has been responsible for the preparation of numerous traffic and transportation studies for a variety of land uses including retail centers, residential subdivisions, hotels, office complexes, mixed use developments, and more. His responsibilities include the preparation of reports such as trip generation, capacity analysis, signal warrant studies, parking utilization, and recommendation of improvement plans for developments for private clients. He assists municipal clients in SEQRA and Site Plan reviews, has also been involved in the preparation of Interchange Justification Reports, and is responsible for interaction with other consultants for compiling such studies, as well as DEIS and FEIS preparation. As part of his interaction with NYSDOT for Highway Work Permits, he is responsible for the preparation of Priority Investigation Locations (PIL's)/Highway Safety Investigation Reports. Under this program, measures are identified to address safety issues.

Mr. Rieman is also experienced in the use of several modeling software programs including the Highway Capacity Software (HCS) and SYNCHRO/SIM Traffic.

EDUCATION

- B.S. Civil Engineering, Manhattan College, 1987

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers
- Institute of Transportation Engineers

COMPUTER SKILLS

- AutoCad
- Highway Capacity Software
- SYNCHRO/SIM Traffic

PROJECTS

**Brywood Golf and Country Club
Town of North Castle, Westchester County, NY**

Prepared a detailed Traffic Impact Study for a the proposed 88 unit adult oriented residential community at Brynwood Golf and Country Club in the Town of North Castle, New York. The study included the collection of data and an analysis (SYNCHRO) of nine intersections. This study included a sight distance evaluation at the site driveway as well as an accident evaluation of the area roadways.

**Chappaqua Crossing
Town of New Castle, Westchester County, NY**

Prepared a detailed Traffic, Transportation and Parking Study and Supplemental Traffic Impact Study for the redevelopment of existing office space and the construction of a new multi-family residential project on the former Reader's Digest Corporate Headquarters site in the Town of New Castle, New York. The study included the collection of data and an analysis (SYNCHRO) of 19 intersections. This study included a sight distance evaluation at the site driveways, an accident evaluation of the area roadways and associated roadway improvements/mitigation measures.

**German School
City of White Plains, Westchester County, NY**

Prepared a detailed Traffic Impact Study for a proposed increase in enrollment cap of 125 students (375 to 500 students) plus four single-family homes for the existing German School in the City of White



Plains. This study included the collection of data and an analysis (HCS/SYNCHRO) of 10 intersections. This study also address public transportation, pedestrian/bicycle activity, accident information, sight distances, a gap analysis and delay times as well as a Transportation Management Plan (TMP) to mitigate traffic impacts.

SFC Yonkers**City of Yonkers, Westchester County, NY**

Prepared a detailed traffic, transportation, and parking study for a mixed-use development consisting of some 1,386 residential units; 475,000 SF of office space; 555,000 SF of retail/restaurant space; 150 room hotel; 2,000 seat multiplex movie theater; and a 6,500 seat ballpark in the City of Yonkers, New York. The study included the collection of data and an analysis (SYNCHRO) of 60 intersections.

Village Green Marketplace**Village of Chestnut Ridge, Rockland County, NY**

Prepared a detailed Traffic Impact Study for 137,500 SF retail marketplace which included a 45,000 SF full service grocery store in the Village of Chestnut Ridge, New York. The study included the collection of data and an analysis (HCS) of nine intersections as well as an evaluation of internal circulation and access improvements, a parking analysis, sight distance evaluation, a traffic signal warrant analysis and accident evaluation.

Patrick Farm**Town of Ramapo, Rockland County, NY**

Prepared a detailed Traffic Impact Study for 497 residential units in the Town of Ramapo, New York. The study included the collection of data and an analysis (SYNCHRO) of 14 intersection as well as access improvements, a sight distance evaluation at the site driveways, an accident evaluation and associated roadway improvements.

Orangeburg Commons**Town of Orangetown, Rockland County, NY**

A detailed traffic impact study for a mixed-use development consisting of an approximately 55,000 SF food market; 5,000 SF restaurant; 3,700 SF drive-in bank; and two hotels (125 rooms and 119 rooms). This study included the collection of data and an analysis (HCS/SYNCHRO) of four intersections and associated roadway improvements.

Old Track Road**Town of Greenwich, Fairfield County, CT**

Prepared a detailed Traffic Impact Study and Parking Evaluation for four development parcels along Old Track Road in the Town of Greenwich, Connecticut. The Traffic Impact Study included the collection of data and an analysis (HCS/SYNCHRO) of nine intersections. This study also included an evaluation of public transportation, pedestrian/bicycle activity and an accident evaluation. The Parking Evaluation included parking surveys along Old Track Road and evaluated existing and future traffic parking conditions.

Mercy College**Village of Dobbs Ferry, Westchester County, NY**

Conducted a detailed Traffic Review of traffic reports, analysis and traffic related items including traffic improvements for the Village of Irvington for the Mercy College Faculty Quadrangle and Campus Master Plan throughout the DEIS and FEIS review process.

